

REMARKS

Claims 1-12 remain pending in the application.

The Applicant respectfully requests that the Examiner reconsider earlier rejections in light of the following remarks. No new issues are raised nor is further search required as a result of the changes made herein. Entry of the Amendment is respectfully requested.

Claims 1-12 over Admitted Prior Art and Brodeur

Claims 1-12 were rejected under 35 USC 103(a) as allegedly being obvious over Admitted Prior Art ("Admission") over U.S. Pat. No. 6,525,434 to Brodeur ("Brodeur"). The Applicant respectfully traverses the rejection.

Claims 1-12 recite an integrated voltage regulator adapted to supply power and an output voltage to a respective one of a plurality of integrated circuit power rails, the output voltage being formulated from a feedback of a measured plurality of voltage levels from each of a plurality of sections of an integrated circuit.

The Examiner cites Fig. 5 of the Admitted Art, which discloses an Integrated Circuit with conventional power management of a regulating a power rail common to a plurality of devices. The Examiner agrees that the Admitted Art "fails to teach a plurality of voltage regulators and voltage meters, the inner workings of the first integrated voltage regulator, and a control system." (see Office Action at 3). However, to cure this serious deficiency the Examiner cites Brodeur for allegedly teaching "the inner workings of a first voltage regulator (31-34, 42), . . . a plurality of voltage regulators (35-38) and voltage meters (nodes closest to Vout, connected to 38), each being associated with a different section (with a different Vout), and all sections hav[ing] a voltage meter." (Office Action at 3 and 4)

Brodeur discloses a switching circuit useful in forming a DC converter (See Brodeur, Abstract). A comparator associated with each output compares the voltage at a given output with a reference voltage for the respective given output and generates a first signal the moment the output

voltage exceeds the reference voltage (see Brodeur, Abstract). Responding to the first signal a switch opens the converter transformer secondary winding (see Abstract).

Brodeur discloses use of feedback of an output voltage. Brodeur fails to disclose feed back from sections of an integrated circuit, much less feedback of a measured plurality of voltage levels from each of a plurality of sections of an integrated circuit, as recited by claims 1-12.

Thus, Admission in view of Brodeur, either alone or in combination, fails to disclose, teach or suggest an integrated voltage regulator adapted to supply power and an output voltage to a respective one of a plurality of integrated circuit power rails, the output voltage being formulated from a feedback of a measured plurality of voltage levels from each of a plurality of sections of an integrated circuit, as recited by claims 1-12.

For at least all the above reasons, claims 1-12 are patentable over the prior art of record. It is therefore respectfully requested that the rejection be withdrawn.

Conclusion

All objections and rejections having been addressed, it is respectfully submitted that the subject application is in condition for allowance and a Notice to that effect is earnestly solicited.

Respectfully submitted,



William H. Bollman
Reg. No.: 36,457
Tel. (202) 261-1020
Fax. (202) 887-0336

MANELLI DENISON & SELTER PLLC
2000 M Street, N.W. 7th Floor
Washington D.C. 20036-3307
WHB/df